

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO. 20210917 – IN0062456 – D
DATE OF NOTICE: SEPTEMBER 17, 2021
DATE RESPONSE DUE: OCTOBER 18, 2021

The Office of Water Quality proposes the following NPDES DRAFT PERMIT:

MAJOR – MODIFICATION

PLAINFIELD SOUTH (town) WWTP, Permit No. IN0062456, HENDRICKS COUNTY, 775 South & County Road 725 East, Plainfield, IN. This modification reflects to remove effluent limits for cadmium and lead. Permit Manager: John Donnellan, 317/234-0865, jdonnell@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

Draft can be viewed or copied (10¢ per page) at IDEM/OWQ NPDES PS, 100 North Senate Avenue, (Rm 1203) Indianapolis, IN, 46204 (east end elevators) from 9 – 4, Mon - Fri, (except state holidays). A copy of the Draft Permit is on file at the local County Health Department. Please tell others you think would be interested in this matter. For your rights & responsibilities see these sites: Public Notices: <https://www.in.gov/idem/public-notices/>; Citizen Guide: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. Please tell others whom you think would be interested in this matter.

Response Comments: The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the Draft permit. All comments must be postmarked no later than the Response Date noted to be considered in the decision to issue a Final permit. Deliver or mail all requests or comments to the attention of the Permit Writer at the above address, (mail code 65-42 PS).

To Request a Public Hearing:

Any person may request a Public Hearing. A written request must be submitted to the above address on or before the Response Date noted. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the Hearing. IDEM will determine whether to hold a Public Hearing based on the comments and the rationale for the request. Public Notice of such a Hearing will be published in at least one newspaper in the geographical area of the discharge and sent to anyone submitting written comments and/or making such request and whose name is on the mailing list at least 30 days prior to the Hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno Pigott
Commissioner

September 17, 2021

VIA ELECTRONIC MAIL

Mr. Robin Brandgard, President
Town Council of Plainfield
206 West Main Street
Plainfield, Indiana 46168

Dear Mr. Brandgard:

Re: Draft Modification of NPDES Permit
No. IN0062456 for the Plainfield South
Wastewater Treatment Plant
Hendricks County

Your request for permit modification, submitted July 21, 2021, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0062456 which applies to the discharge from the Plainfield South Wastewater Treatment Plant (WWTP). The enclosed Pages 1, 5, 7, 24, 25 and 38 of 59 are intended to replace the corresponding pages in the facility's current permit.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/ide/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/ide/resources/citizens-guide-to-idem/>.

Please review this document carefully and become familiar with the proposed terms and conditions. Comments concerning the draft permit should be submitted in accordance with the procedure outlined in the enclosed public notice form. If you have any questions concerning this modification, please contact John Donnellan at 317/234-0865 or jdonnell@idem.IN.gov.

Sincerely,

Leigh Voss, Chief
Municipal NPDES Permits Section
Office of Water Quality

Enclosures

cc: Michael Gillespie, Certified Operator
Jason Castetter, Superintendent
Daniel Astbury

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Clean Water Act") or (CWA), and IDEMs authority under IC 13-5, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

TOWN OF PLAINFIELD

hereinafter referred to as "the permittee." The permittee owns and/or operates the **Town of Plainfield South Wastewater Treatment Plant**, a major municipal wastewater treatment plant located at 775 South and County Road 725 East, Plainfield, Indiana, Hendricks County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters consisting of an unnamed tributary to White Lick Creek in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

The permit, as issued on September 24, 2020 is hereby amended as contained herein. The amended provisions shall become effective on _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the modifications will remain in effect until the modified provisions become effective.

This permit and authorization to discharge, as amended, shall expire at midnight, November 30, 2025. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Department of Environmental Management no later than 180 days prior to the date of expiration.

Issued on _____ for the Indiana Department of Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

- (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
- (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.
3. Additional Discharge Limitations and Monitoring Requirements

Beginning on the effective date of the permit, the effluent from Outfall 001 shall be limited and monitored by the permittee as follows:

TABLE 3

Parameter	Quality or Concentration			Monitoring Requirements	
	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Cadmium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chromium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Copper [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Lead [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Nickel [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Zinc [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Hardness	----	Report	mg/l	Monthly	24 Hr. Comp.
Chloride				Quarterly	
Interim [2]	----	Report	mg/l		24 Hr. Comp.
Final [2]	370	740	mg/l	1 X Weekly	24 Hr. Comp.
Sulfate	----	Report	mg/l	Monthly	24 Hr. Comp.

NOTE: For measurement frequencies less than once per month, the permittee shall report the result from the monitoring period on the Discharge Monitoring Report (DMR) for the final month of the reporting timeframe, beginning with January of each year. For example, for quarterly monitoring, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

4. Additional Monitoring Requirements

Beginning on the effective date of this permit, the permittee shall conduct the following monitoring activities:

a. Influent Monitoring

In addition to the requirements contained in Part I.B.2 of the NPDES permit, the permittee shall monitor the influent to its wastewater treatment facility for the following pollutants. Samples shall be representative of the raw influent in accordance with 327 IAC 5-2-13(b).

TABLE 4

Parameter	Quality or Concentration			Monitoring Requirements	
	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Cadmium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chromium [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Copper [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Lead [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Nickel [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Zinc [1]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chloride					
Interim [2]	----	Report	mg/l	Quarterly	24 Hr. Comp.
Final [2]	Report	Report	mg/l	2 X Monthly	24 Hr. Comp.
Sulfate	----	Report	mg/l	Monthly	24 Hr. Comp.

NOTE: For measurement frequencies less than once per month, the permittee shall report the result from the monitoring period on the Discharge Monitoring Report (DMR) for the final month of the reporting timeframe, beginning with January of each year. For example, for quarterly monitoring, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

[1] The permittee shall measure and report this parameter as Total Recoverable Metal. Cyanide shall be reported as Free Cyanide or Cyanide Amenable to Chlorination. Concentrations less than the Limit of Quantitation (LOQ) and greater than or equal to the Limit of Detection (LOD) shall be reported by the permittee on the discharge monitoring report forms as the actual measured value. Concentrations less than the

- (4) After successful completion of the TRE, the permittee must resume the chronic toxicity tests required in Part I.D.1. The established starting date for the frequency in Part I.D.1.d. is the first day of the first month following successful completion of the post-TRE toxicity tests.

d. Reporting

- (1) Progress reports must be submitted every 90 days to the Compliance Data Section beginning six (6) months from the date of two (2) consecutive failed toxicity tests. Each TRE progress report must include a listing of proposed activities for the next quarter and a schedule to reduce toxicity in the effluent discharge to acceptable levels through control of the toxicant source or treatment of whole effluent.
- (2) Within 90 days of successfully completing the TRE, including the three (3) consecutive monthly tests required as part of the post-TRE toxicity testing requirements under Part I.D.2.c., the permittee must submit to the Compliance Data Section a final TRE Report that includes a discussion of the TRE results, along with the starting date established under Part I.D.2.c.(4). for the continuation of the toxicity testing required in Part I.D.1.

e. Compliance Date

The permittee must complete items a., b., c., and d. from Part I.D.2. and reduce toxicity in the effluent discharge to acceptable levels as soon as possible, but no later than three (3) years from the date that toxicity is initially demonstrated in two (2) consecutive toxicity tests (i.e. the date of the termination of the second test) as described in Part I.D.1.f.4.

E. SCHEDULE OF COMPLIANCE

1. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality (OWQ) six (6) months from the effective date of the permit. The progress report shall include, among other items, a description of the method(s) selected for meeting the final requirements for chloride. The final effluent limitations for chloride are deferred for the term of this compliance schedule, unless the final effluent limitations can be met at an earlier date. The permittee shall notify the Compliance Data Section of OWQ as soon as the final effluent limitations for chloride can be met. Upon receipt of such notification by OWQ, the final limitations for chloride will become effective, but no later than 36 months from the effective date

of this permit. Monitoring and reporting of effluent chloride is required during the interim period.

2. If construction is required, a construction permit application (including Plans and Specifications) for complying with final requirements shall be submitted (if required by 327 IAC 3-2) within fourteen (14) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality at this time.
3. Initiation of construction, if necessary, shall commence not later than the twenty-three (23) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality at this time.
4. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality thirty-two (32) months from the effective date of the permit.
5. Construction shall be completed within thirty-five (35) months from the effective date of the permit. The permittee shall submit a written progress report to the Compliance Data Section, Office of Water Quality when construction has been completed.
6. The permittee shall comply with all final requirements no later than thirty-six (36) months from the effective date of the permit.
7. If the permittee fails to comply with any deadline contained in the foregoing schedule, the permittee shall, within fourteen (14) days following the missed deadline, submit a written notice of noncompliance to the Compliance Data Section of the Office of Water Quality stating the cause of noncompliance, any remedial action taken or planned, and the probability of meeting the date fixed for compliance with final effluent limitations.

However, under 327 IAC 2-6.1-3(1), when the constituents of the discharge are regulated by this permit, and death or acute injury or illness to animals or humans does not occur, the reporting requirements of 327 IAC 2-6.1 do not apply.

- a. Any unanticipated bypass which exceeds any effluent limitation in the permit;
- b. Any emergency incident which may pose a significant danger to human health or the environment. Reports under this item shall be made as soon as the permittee becomes aware of the incident by calling 317/233-7745 (888/233-7745 toll free in Indiana). This number should only be called when reporting these emergency events;
- c. Any upset (as defined in Part II.B.3 above) that exceeds any technology-based effluent limitations in the permit;
- d. Any release, including basement backups, from the sanitary sewer system (including satellite sewer systems operated or maintained by the permittee) not specifically authorized by this permit. Reporting of known releases from private laterals not caused by a problem in the sewer system owned or operated by the permittee is not required under Part II.C.3, however, documentation of such events must be maintained by the permittee and available for review by IDEM staff: or
- e. Any discharge from any outfall from which discharge is explicitly prohibited by this permit as well as any discharge from any other outfall or point not listed in this permit: or
- f. Violation of a maximum daily discharge limitation for any of the following toxic pollutants: chloride.

The permittee can make the oral reports by calling 317/232-8670 during regular business hours and asking for the Compliance Data Section, or by calling (317/233-7745) (888/233-7745 toll free in Indiana) during non-business hours. A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the event and its cause; the period of occurrence, including exact dates and times, and, if the event has not concluded, the anticipated time it is expected to continue; and steps taken or planned to reduce, mitigate and eliminate the event and steps taken or planned to prevent its recurrence. The Commissioner may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. Alternatively the permittee may submit a "Bypass Overflow/Incident Report" (State Form 48373) or a "Noncompliance Notification Report" (State Form 54215), whichever is appropriate, to IDEM at wwreports@idem.IN.gov. If a complete submittal is sent



**National Pollutant Discharge Elimination System
Fact Sheet for the
Plainfield South Wastewater Treatment Plant**

**Draft: August 30, 2021
Final: TBD**

Indiana Department of Environmental Management

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	Town of Plainfield Mr. Robin Brandgard, Town Council President 206 West Main Street Plainfield, Indiana 46168 rbrandgard@town.plainfield.in.us 317-839-2561
Existing Permit Information:	Permit Number: IN0062456 Expiration Date: November 30, 2025
Facility Contact:	Michael Gillespie, Certified Operator mgillespie@astburygroup.com 317-328-7153
Facility Location:	775 South and County Road 725 East Plainfield, Indiana 46168 Hendricks County
Receiving Stream:	Unnamed tributary to White Lick Creek
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modification
Date Application Received:	August 3, 2021
Facility Category	NPDES Major Municipal
Permit Writer:	John Donnellan, Senior Environmental Manager jdonnell@idem.in.gov 317-234-0865

<u>Outfall Location</u>	Latitude: 39° 39' 16" N
	Longitude: 86° 23' 23" W
<u>Treatment Plant Location</u>	Latitude: 39° 38' 59.7" N
	Longitude: 86° 23' 49.8" W

NPDES Permit No. IN0062456

Background

This is the modification of the NPDES permit for the Town of Plainfield South Wastewater Treatment Plant. The facility's current permit was effective on December 1, 2020 and has an expiration date of November 30, 2025. A request for permit modification was received from the permittee on August 3, 2021. The permittee requests a permit modification to remove effluent limitations for cadmium and lead due the results from the March 25, 2021 reasonable potential to exceed analysis.

Modification

The following changes have been made for the modification of the NPDES permit:

Page 1 of 59	This page has been modified to reflect the modification effective date for the permit.
Page 5 of 59	This page has been modified to remove the effluent limits for cadmium and lead and require quarterly monitoring only.
Page 7 of 59	This page has been modified to reduce the influent monitoring frequency for cadmium and lead from 2 X monthly to quarterly.
Page 24-25 of 59	These pages have been modified to remove references to cadmium and lead from the schedule of compliance.
Page 38 of 59	This page has been modified to remove cadmium and lead from the list of toxics that require reporting due to violations of effluent limits.

Expiration Date

The expiration date of the permit has not changed. The permit, as modified, will expire at midnight on November 30, 2025.